

Title (en)

METHOD FOR INCREASING THE GUANIDINE CARBONATE YIELD IN A COMBINED MELAMINE PROCESS AND GUANIDINE CARBONATE TREATMENT PROCESS

Title (de)

VERFAHREN ZUR ERHÖHUNG DER GUANIDINCARBONATAUSBEUTE IN EINEM KOMBINIERTEN MELAMINVERFAHREN UND GUANIDINCARBONATBEHANDLUNGSVERFAHREN

Title (fr)

PROCÉDÉ POUR AUGMENTER LE RENDEMENT DU CARBONATE DE GUANIDINE DANS UN PROCESSUS DE MÉLAMINE COMBINÉ ET PROCÉDÉ DE TRAITEMENT DU CARBONATE DE GUANIDINE

Publication

**EP 3626706 B1 20210602 (EN)**

Application

**EP 18195662 A 20180920**

Priority

EP 18195662 A 20180920

Abstract (en)

[origin: EP3626706A1] The present invention refers to a method for increasing the guanidine carbonate yield in a combined melamine low pressure process (10) and guanidine carbonate treatment process (20) by adding cyanamide and/ or dicyandiamide to a) a melamine mother liquor (MML) obtained in the melamine low pressure process (10), and/or b) a guanidine carbonate mother liquor (GCML) obtained in the guanidine carbonate treatment process (20), and /or c) a mixture of a melamine mother liquor (MML) and a guanidine carbonate mother liquor (GCML).

IPC 8 full level

**C07C 277/02** (2006.01); **C07B 63/00** (2006.01); **C07C 277/06** (2006.01); **C07C 279/02** (2006.01)

CPC (source: EP)

**C07B 63/00** (2013.01); **C07C 277/02** (2013.01); **C07C 277/06** (2013.01); **C07C 279/02** (2013.01)

Citation (examination)

- US 3984471 A 19761005 - WEINROTTER FERDINAND DR [AT], et al
- US 2658891 A 19531110 - MACKAY JOHNSTONE S
- US 3952057 A 19760420 - SCHMIDT ALFRED, et al

Cited by

CN116462611A; EP3750872B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3626706 A1 20200325; EP 3626706 B1 20210602**

DOCDB simple family (application)

**EP 18195662 A 20180920**